COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Controller For Mobile And Pervasive Output, the specification of which

[X]	is attached hereto.					
ĪĪ	was filed on as Application No					
[]	was described and claimed in PCT International Application No. filed on					
	, and as amended under PCT Article 19 o	n (if applicable).				
[]	and was amended on (if applicable)	•				
[]	with amendments through (if applicable	e).				
	I hereby state that I have reviewed and understand thon, including the claims, as amended by any amendment					
Title 37, Co conditions disclosed i information	I acknowledge the duty to disclose information which ode of Federal Regulations, § 1.56. If this is a continu specified in 35 U.S.C. § 120 which discloses and clair in the prior copending application, I further acknowled in as defined in 37 CFR § 1.56 which occurred between all or PCT international filing date of the continuation-in	ation-in-part application filed under the ms subject matter in addition to that ge the duty to disclose material in the filing date of the prior application and				
I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate or of any PCT International application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT International application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed:						
	Prior Foreign Application(s)	Priority Claimed				
	(Number) (Country) (Day/Month/Year Filed)					
I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:						
		ber 20, 2000 ng Date)				
I hereby claim the benefit under Title 35, United States Code, § 120 of any United States						

application(s) or § 365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application

and the national or PCT International filing date of this application:

(Application No.)	(Filing Date)	(Status:	patented, pe	ending, aba	ındoned)			
The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned. I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application, to file a corresponding international application, and to transact all business in the Patent and Trademark Office								
connected therewith:								
Name	Reg. No.							
John R. Dawson	39,504							
Douglas D. Hancock	35,889							
Patrick W. Hughey	31,169							
Mark M. Meininger	32,428	_			1			
Address all correspondence to USPTO CUSTOMER NUMBER 021034 *21034								
Address all telephone calls to Mark M. Meininger at telephone number (503) 249-7066.								
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.								
Full name of first joint inventor: William Ho Chang								
Inventor's signature Million	m Chang							
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Full name of second joint inventor: Christina Ying Liu								
Inventor's signature	11/18/01							
Residence: Vancouver, Washin Citizenship: Peoples Republic of Post Office address: 16900 SE	of China	/anoouwar	Date)				